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| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i> | | | | Docket Number (Optional) 2986.4US (96-0789.04/US) | | Application Number Not yet assigned | |
| Applicant Gregory M. Chapman | | | | Filing Date August 4, 2003 | | Group Art Unit Unknown | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|---------|----------------------|-------|----------|-------------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| JTS | 2,157,735 | 05/1939 | Brite | 1 | 8 | |
| | 3,177,629 | 04/1965 | Anspach | | | |
| | 3,308,000 | 03/1967 | Holman | | | |
| | 3,332,818 | 07/1967 | MacLeod | | | |
| | 3,436,294 | 04/1969 | Marano | | | |
| | 3,536,550 | 10/1970 | Von Hofe | | | |
| | 4,193,834 | 03/1980 | Bernardi | | | |
| | 4,279,682 | 06/1981 | Hamagami et al. | | | |
| | 4,317,695 | 03/1982 | Asar Madhu P. et al. | | | |
| | 4,539,058 | 09/1985 | Burgess et al. | | | |
| JTS | 4,646,127 | 02/1987 | Barnhart | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------|---------|---------|-------|----------|-------------|----|
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | YES | NO |
| JTS | 58-31514 | 02/1983 | Japan | — | — | | |
| | 04056159 | 02/1992 | Japan | | | | |
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| OTHER DOCUMENTS | | | (Including Author, Title, Date, Pertinent Pages, Etc.) |
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| EXAMINER <div style="font-size: 2em; text-align: center;">JTS</div> | DATE CONSIDERED <div style="font-size: 1.5em; text-align: center;">5/14/04</div> |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance. Include copy of this form with next communication to the applicant.

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|-----------------------|-----------------|---------|--------------------|-------|----------|-------------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| JTH | 4,862,245 | 08/1989 | Pashby et al. | | | |
| | 4,985,105 | 01/1991 | Masuda | | | |
| | 5,108,536 | 04/1992 | Sokolovsky et al. | | | |
| | 5,286,679 | 02/1994 | Farnworth et al. | | | |
| | 5,304,842 | 04/1994 | Farnworth et al. | | | |
| | 5,635,009 | 06/1997 | Kawamura et al. | | | |
| | 6,012,502 | 01/2000 | VanNortwick et al. | | | |
| | 6,025,212 | 02/2000 | VanNortwick et al. | | | |
| | 6,096,165 | 08/2000 | Chapman | | | |
| | 6,099,678 | 08/2000 | Kotato et al. | | | |
| JTH | 6,267,167 | 07/2001 | Chapman | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------|------|---------|-------|----------|-------------|----|
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
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| EXAMINER <div style="font-size: 2em; font-family: cursive;">JH TA</div> | DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">5/14/04</div> |
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